

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1

of 13

Complete if Known

Application Number	10/823,462
Filing Date	04/10/2004
First Named Inventor	Lovell, William S.
Art Unit	1724
Examiner Name	PHAM
Attorney Docket Number	PAP01USA

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
MLL		US- 3,722,182	03/27/1973	Gilbertson	
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		US- 3,870,495	03/11/1975	Dixon et al.	
		US- 4,207,291	06/10/1980	Byrd et al.	
		US- 4,610,703	09/09/1986	Kowalczyk	
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		US- 5,221,292	06/22/1993	Aoyama	
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		US- 5,879,423	03/09/1999	Luka et al.	
		US- 2,614,654	10/21/1952	Strinden	
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		US- 5,762,665	06/09/1998	Abrahamian et al.	
		US- 6,136,057	10/24/2000	Dang et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ² , Number ³ , Kind Code ⁴ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear

Examiner Signature	<i>William S. Lovell</i>	Date Considered	6/13/05
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WLS		US- 5,509,853	04/23/1996	Wells	
		US- 3,971,373	07/27/1976	Braun	
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		US- 5,035,240	07/30/1991	Braun et al.	
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FOREIGN PATENT DOCUMENTS					
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Examiner Signature	Henk Hauthorn	Date Considered	6/13/05
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Sheet 3

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of

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10 / 823,462

Filing Date

04/10/2004

First Named Inventor

• Lovell, William S.

Art Unit

1724

Examiner Name

P HAM

Attorney Docket Number

PAP01USA

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
RLZ		Real Goods. realgoods.com/shop, 3 stage auto filter using activated carbon, electret charged medium, and a Zeolite VOC.	
		Real Goods. (same) Auto ionizer to help precipitate air Pollutants.	
		HEINZ H. BITTERMAN article "History and World Wide Trends in Cabin Air Filter Testing" Fluid/Particle Sep. Journal, Vol.3,No.2 Aug. 2000	
		TADEUSZ JAROSZCYK et al. article, Filtration Performance. Fluid/Particle Sep. Journal. Vol.3,No.2, Aug. 2000	
		TADEUSZ JAROSZCYK et al. article "Media Needs for Automotive Cabin Air Treat. Filtration 98 Conf. Amer. Filtration & Separation Society	
		YOGIC et.al. article "Road Test of Car Cabin Filters in Japan". Fluid/Particle Separation Journal Vol.11 No.1, April 1998	
		SAMUEL E. LEE et al. article "Odor Filter Design Process". Fluid/Particle Separation Journal, Vol.9, No.3, Oct. 1996.	
↓		OLAF KIEVET article "Cabin Air Filter Loading under Real-Life Conditions" Amer. Filtration and Separation Society. Vol.11, 1997	
RLZ		Web Site www.epa.gov/ttn/amtic, under the heading "A final draft copy of the "Particulate Matter (PM2.5) Spec. Guidance Document.	

**Examiner
Signature**

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Date
Considered

6/13/05

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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting this completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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